Geethanjali College of Engineering and Technology

(UGC Autonomous)

(Recognized by AICTE, Permanently Affiliated to JNTUH, Accredited by NAAC with 'A' Grade)

Cheeryal (V), Keesara (M), Medchal (D), Telangana – 501301.

Department of Computer Science and Engineering

Dt: 15-07-2022

CIRCULAR

Sub: - PAC meeting of A.Y. 2021-22 I and II Semester-Reg.

This is to inform all the members of the Program Assessment Committee (PAC) that a review meeting is scheduled on 26-07-2022 at 10:00 am in Seminar Hall, Block 1, II Floor. The following details of A.Y. 2021-22, I & II-Sem.. are to be discussed in the meeting. The proposed activities for 2022-23 I Semester are also to be presented.

Agenda:

- Result Analysis of 2021-22 I semester for II, III and IV year B.Tech-CSE
- CO Attainments of 2021-22 I Semester courses
- PO Attainments of 2017-21 batch
- Review of assessment process and targets.

2021-22 II Sem (January 2022 -June 2022)
- Department Achievements
- Student Activities
- Faculty Activities
- Internships, Mini and Major project analysis
- Training and placements
- Incubation cell and Club activities
- Academic Audit

Dr. A.Sree Lakshmi
HoD-CSE
Chairman-PAC

Copy to:

1. Principal Office
2. Dean, School of Computer Science and Informatics
3. Dean, Academics
4. Controller of Examinations
5. IQAC Department
6. Department File

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Department of Computer Science and Engineering

Dt: 15-07-2022

CIRCULAR

Sub: - PAC meeting data-Reg

Program Assessment Committee (PAC) meeting for the A.Y. 2021-22(II Sem.) is proposed to be scheduled on 26-07-2022. The following details of A.Y. 2021-22 I & II Sem are to be submitted to the department on or before 20-07-2022 without fail.

S.No.	Details Required	Faculty Responsible
1	Result Analysis (2021-22, I Sem)	Dr B. V Swathi Mamatha , B B. Neeraja
2	Course Attainments & PO attainments (2021-22, I Sem)	Dr.K.Krishna Jyothi CO Assessments team PO Assessments team
3	Department achievements	Prof. Madhu Sudhan Rao Dr.A.Sree Lakshmi
4	Feedback on Curriculum: • Course End Survey • Course Coordinator Inputs • Alumni Survey • Industry • Recruiter Survey	V Shivanarayana Reddy Vedavyas R Venkata Sudhakar K Raghu Meena Sravanthi
5	Student related activities i) Guest Lectures/workshops/trainings organized ii) Certification programs conducted iii) Professional body events iv) Co-curricular and Extracurricular activities participation v) Student internships vi) Student achievements vii) Value Added Courses	Dr.G. Somasekar P.Haritha S.Radha K Padmaja G.Udaya Sree P.Lalitha, Deepthi Sri Ramana Reddy
6	Faculty related activities i) FDPs/workshops/Conferences organized ii) FDPs/Workshops/Conferences attended iii) Certifications obtained by faculty	Dr.Kamakshiah Dr.Puja Prasada N Radhika M Vishwa Shanthi G. Santhoshi Uma Devi

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	v) Patents published vi) Projects applied vii) Projects sanctioned viii) Consultancy ix) Staff incentives provided x) Faculty achievements	Ramya Krishna *(sign)* Mounika *(sign)* Sudha Singaraju
7	Projects: Project coordinator report	Mr.V.Shiva Narayana Reddy *(sign)* Rahul Das Sobha Rani P. *(sign)*
8	Placement & Training i) Placements and higher education data of 2018-2022 batch ii) Recruiter surveys report iii) Placement related trainings conducted	Dr.B.V.Swathi, *(sign)* E.Vijaya *(sign)* Krishna Rao *(sign)* Lakshmi Priyanka *(sign)* Shailender Kumar *(sign)* Radha *(sign)*
9	Industry Institute Interaction i) Industrial visits ii) Students/ Faculty events with industry resource persons iii) Labs established in association with industry iv) Events conducted by the labs established in association with industry v) Inputs on PO/PSO/curriculum from industry	Dr K Neeraja *(sign)* Dr Ambedkar *(sign)* G Praveen Kumar Shiva Prasad *(sign)* C Esther Varma *(sign)* Ashwini *(sign)* Madhavi Raghu. *(sign)*
10	Incubation Cell i) Activities conducted ii) Student members iii) Projects done by students	Dr K Neeraja Radha *(sign)* Shiva Prasad *(sign)*
11	Club activities i) Robotics club ii) Coding club	Dr. Bindu Madhavi.G. *(sign)* Durga Kalyani *(sign)* Praveen Kumar Vijay Kumar M Keerthi
12	Academic Audit Reports	Dr. G Kalyani *(sign)* E. Mahender *(sign)* Gopi Naik *(sign)*

(signature) 15/07/22

Dr. A.Sree Lakshmi
HoD-CSE

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Department of Computer Science and Engineering

Circular

Date: 15-07-2022

Sub: CSE Program Assessment Committee for Academic year 2021-2022 – Formation Reg.

Program Assessment Committee with the following composition is formed for the Academic year 2021-2022.

S.No	Name of the Staff Member	
1	Dr.A Sreelakshmi(HoD, CSE)	Chairman
2	Prof.V Madhusudhan (Dean, CS&IT)	Convener
3	Dr.S.Udaya Kumar(Principal)	Member
4	Dr.N.Ravi Shankar	
5	Dr.B.V.Swathi	
6	Dr.G.Soma Sekhar	
7	Dr. K. Kamakshaiah	
8	Dr.PujaPrasad	
7	Dr.A.Hari Prasad Reddy	
9	Prof. M Srinivas	
10	Dr.K.Neeraja	
11	Dr Ambedkar	
12	Dr. D. Rakesh Kumar	
13	Dr.G. Kalyani	
14	Dr.K. KrishnaJyothi	
15	Dr. G. Bindu Madhavi	
16	Dr. C.Ramakrishnaiah	

Terms and Conditions:

1. The committee should meet at least once in every semester
2. Proceedings of the committee should be prepared within 48 hrs of every meeting and submitted to the Principal.

Dr A Sreelakshmi
HoD-CSE

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GEETHANJALI COLLEGE OF ENGINEERING & TECHNOLOGY

Department Of Computer Science Engineering

Minutes of Meeting of Program Assessment Committee (PAC) held on 26/07/2022

Venue: Seminar Hall, Floor II, Block 1
Duration: 1:00 pm - 4.00 pm

Agenda:
- Result Analysis of 2021-22 I semester for II, III and IV year B.Tech-CSE
- CO Attainments of 2021-22 I Semester courses
- PO Attainments of 2017-21 batch
- Review of assessment process and targets.

2021-22 II Sem (January 2022 -June 2022)
- Department Achievements
- Student Activities
- Faculty Activities
- Internships, Mini and Major project analysis
- Training and placements
- Incubation cell and Club activities
- Academic Audit Reports

Points Discussed:

At the outset, Dr A Sreelakshmi, Head of the CSE department welcomed all the PAC members to the meeting. An overview of the activities performed by the Programme Assessment Committee was given and members of the PAC were introduced.

1. Head of the department Dr A Sreelakshmi made known the **Department Achievements** in the academic year 2021-22 II Semester. The following points were highlighted:

Department Achievements
1. Recognized as **Research Center** by JNTUH on 3rd June, 2022.
2. Established **MoU with EPAM** System India Private Limited on 12th May-2022.
3. Successfully helped the institution in getting the **Autonomous** extension where the inspection was held in May 2022.
4. Successfully submitted **NBA Tier-I** application and awaiting the visit on August 12th, 13th and 14th

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5. Department has initiated and applied for MoU with CSS corporation.
6. Dr. N. Ravi Shankar and Dr. K. Srinivas ratified as Professors in CSE Department by JNTUH.
7. International Springer Conference ICCIML on " International Conference on Computational Intelligence in Machine Learning Scheduled in November 2022 was initiated.

Faculty achievements

S.No.	Name of the Faculty	Name of the Award / Achievement
1	Dr. A. Sreelakshmi Profesor & HOD	Technical committee member for DB3D- 2021 conference.
2	Dr. Kamakshaiah Kolli , Associate Professor	Awarded the Paper Presenter Award at International Conference –Computer Society of India.
3	Dr. K Ambedhkar , Associate Professor	Reviewer for Springer Nature Computer Science Journal
4	Dr. Kamakshaiah Kolli , Associate Professor	Reviewer for 3rd International Conference on Advances in Computer Engineering and Communication Systems
5	Dr. G. Soma Shekhar , Associate Professor	Reviewer of following international journals a. Advances in Science, Technology and Engineering Systems Journal (ASTESJ). b. International Journal of Intellectual Advancements and Research in Engineering Computations. c. European Journal of Engineering Research and Science (EJERS).
6	Ms. V Sagarika, Assistant Professor	"CISCO Certified Faculty of CISCO Networking Academy modules: CCNAv7 - Introduction to Networks, Enterprise Networking, Security, and Automation.

7 Patents have been published

Students achievements

- 48 students have done their internships out of which 26 students received stipend.
- 9 students Certified in ITIL (related to Virtusa).
- Sirisanagandla Venu has been selected as Star Student Ambassadors by Virtusa.
- 8 students are short listed for Stage-1 Virtusa Jatayu program.
- 56 students have participated in 36-Hours Hackathon program conducted by JHUB- JNTUH.

- 73 students have participated in Smart India Hackathon program conducted by AICTE-MHRD. Two teams are shortlisted for SIH 2022.
  1. Shrikeraa Beraar and team of 6 headed by Dr A Sree Lakshmi and A.Abhilasha
  2. Mohammed Abid Hussain and team of 6 headed by Dr K Neeraja and Dr D Rakesh.
- Mr Mohammad Afreen 1st prize in Questival program conducted by GCET.
- Ms Manasa Laxmi one 1st Prize in Paper presentation in BHASWARA program conducted by GCET.
- Mr Bardrinath, Mr L.Vinay Reddy one 1st Prize Project Presentation in BHASWARA conducted in GCET.

2. Result Analysis of 2021-22 I Semester:

I Semester results of B.Tech CSE II, III and IV for the Academic year 2021-22 are reviewed.

  i. Overall pass percentage in II B.Tech I Sem CSE is 87.10 which has increased by 16.5% compared to the previous semester. Comparativiely C and D sections scorred less percentage.
  ii. Overall pass percentage in III B.Tech I Sem CSE is 88.88 %, which has increased by 8.00% compared to the previous semester. The pass percentage of all courses except Operating System is above 80%. The overall pass percentage of O.S is 75.8% with D section having only 66.04% and D section having only 72.73%.
  iii. Overall pass percentage in IV B.Tech I Sem is 97.18, which is increased by 3.62%. It is an improvement compared to previous batch of students. The least contribution is by Machine Learning with 90%.
  iv. The results have been satisfactory.
  v. Detailed Result analysis is provided in Annexture-A

3. CO Attainments of 2021-22 I Sem courses:

- The course attainments of academic year 2021-22 for I Semesters have been reviewed. The courses which could not attain the target of 2.1 were identified and the reasons and action taken have been analyzed.
- Students must be given more numbers of objective questions which may be included as part of the assignment.
- Lab evaluation must be done regularly and scrupulously.
- CO-PO mapping must be checked by course coordinators before submission of the course files.
- Question paper evaluation must be done thoroughly by the course coordinator, course faculty and group head before submission for external evaluation.
- As the faculty suggested the current target level of 2.1 for CO attainment for few courses like DAA, DD, ML may be reduced. The committee has suggested that the target level can be different for each course and may be considered from next Academic year as we have considerable data now.

PO Attainments of 2017-21 Batch:

- The Program Outcome attainments of 2017-21 batch students have been reviewed.
- PO11 have attained comparatively with other PO's as it is related to Project management and finance.
- The courses which could not attain the target of 2.1 were identified and the reasons and action taken have been analyzed.
- The report has been provided in Annexure B.

4. Feedback Curriculam
a).Course Co-Ordinartor Inputs

Year	Subject name	Course Co-ordinartor Inputs
II Year - I Sem	DBMS	1)Students must be trained more to improve their practical skills. 2) As it is in II-I it is very much useful for students to do their internships.
	DD	1)Logic based thinking should be improved by solving more number of problems
	OOPJ	1)Programming skills have to be improved by learning the basics clearly.
III Year - I Sem	AI	1)Syllabus needs to be upddated according to industray needs. 2) Projects have to be done.
	CN	Need to Conduct lectures on Computer Network Simulation Tools.
	OS	1Syllabus distribution must be uniform.
	SL	1)Two Scripting languages(PHP,Python) would be enough for students to learn the course in depth. (Pearl,TCL is not needed) 2) Projects have to be done.
IV Year - I Sem	DA	1)To include more concepts in Lab Experiments. 2) Students should be motivated to do Major Projects using HADOOP.
	DL	1)We need lot of funding from industry and Government organizations to establish DeepLearning Lab. 2)We need to invite experts like Yoshua Bengio to deliver lectures and inspire students.
	HCI	Syllabus is too vast.
	IoT	1)Need to implement more case studies using Arduino and RaspberryPi – which would provide solutions to Real World Problems.

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b) Inputs from External and Internal Faculty:(Suggestions and implementations):

1. All core subjects are framed for final years, which are not valid as they cannot give time for preparation- so framing according to respective years.

2. Mathematics – Classical Topics and Aspects related to Computer Science Perspective have to be added.
   - In Mathematics Cover Aspects like : Linear Algebra,Vector Caluculus , Probability
   - In Algorithmic Aspects: Optimization , Statistical Inference , Programming Platforms (R/Python) , Datasets for ML , DeepLearning and GPU FrameWorks.
   - Good effort is being done , Always implementation and Monitoring is needed. – (Atul Negi, Prof, UoH)

3. Title of TOC may be changed to Automata theory and Compiler Design – (Dr G. Ramesh Chandra , Prof, VNRVJIET)

4. The essential mathematical concepts behind machine learning must be understood. Tagging class labels to data is an essential requirement for machine learning. Students should know in case of missing labels how to generate these labels.

5. The concepts of knowledge representation and reasoning for an AI system must be understood. Application of ML for speech and computer vision must be understood.

6. Natural language processing and application to human computer interaction must be understood.

7. Allocate some credits to NPTEL courses and include more programming training sessions in the time table

8. Establish labs for elective courses and design the projects in multi disciplinary areas.

9. Improving the Programming skill set - basically in C language and Python Programming.

10. Keep a track of employee skills that are sought after.

11. Practical knowledge should be given more priority & more project works to added.

12. The curriculum should include topics relevant to digital era.

13. Should have experimental learning.

14. Based on the needs of the industry, the syllabus need to be framed.

c. Inputs from Industry:

1. Suggested to include Python Programming – G Naresh Kumar Reddy , Sr Software Testing Engineer ,CAPGEMINI

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2. It would be better if the courses can focus on more implementation part of the technical aspects rather than limiting themselves to a theoretical foundation.

Mini Projects can be made mandatory during the course delivery to inculcate the application part - P Mohan, Tech Mahindra, Sr Data Scientist

3. Include Data Science with Python Programming – Satish Nambulla ,ERP Senior Specialist , NTT Data

d. Recruiters Survey :

No of Recruiters given feedback: 1

Recruiter Survey Question	No. of recruiters awarded with 1 points	No. of recruiters awarded with 2 points	No. of recruiters awarded with 3 points	No. of recruiters awarded with 4 points	No. of recruiters awarded with 5 points	% of recruiters awarded with 3 to 5 points
a. Obtain solutions to engineering problems, specifically Computer Science Engineering and provide quality services to engineering related industries	0	0	0	4	1	100%
b. Be creative and innovative in producing state of the art technologies related to computer science and its applications in various fields.	0	0	1	4	0	100%
c. Involve in engineering projects that were aimed at improving the quality of life and well-being of the society	0	0	0	3	2	100%
d. Adapt to changes in work environment (for example, to learn new software, operate new equipments, and learn about new systems) and continuously undertake professional development?	0	0	0	4	2	100%
e. Act professionally and ethically while making significant contributions for the benefit of community, region, nation and beyond by leading a team as well as being a team player	0	0	0	4	1	100%

| f. Communicate effectively and demonstrate interpersonal skills | 0 | 0 | 0 | 5 | 0 | 100% |

Do the program outcomes meet future employment needs of students and assist them acquire meaningful values and required skills? (Yes)

Recruiter Survey Question	% of recruiters awarded with 3 to 5 points
a. Obtain solutions to engineering problems, specifically Computer Science Engineering and provide quality services to engineering related industries	100%
b. Be creative and innovative in producing state of the art technologies related to computer science and its applications in various fields.	100%
c. Involve in engineering projects that were aimed at improving the quality of life and well-being of the society	100%
d. Adapt to changes in work environment (for example, to learn new software, operate new equipments, and learn about new systems) and continuously undertake professional development?	100%
e. Act professionally and ethically while making significant contributions for the benefit of community, region, nation and beyond by leading a team as well as being a team player	100%
f. Communicate effectively and demonstrate interpersonal skills	100%

- The recruiter survey analysis of 2022 graduated batch is fairly good
- The number of inputs from recruiters is very less. Faculty may be sent to the recruiters and get the form filled.

e. **Graduate Survey**
- It might be helpful in the career if we get to know more of programming languages than some other non-core.
- Monthly based projects on core subjects instead of regular assignments.
- Languages like French and German would help the outgoing students.

f. **Alumni Survey**
- Curriculum was well framed.
- Subjects including latest technologies are required to be added.
- More of programming oriented subjects is required.

5. **Students' Related Activities of 2021-22 II Semester**
   - Mentors may take the responsibility of collecting the achievements of their mentees at the end of every month.

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- 4 Workshops/Guest Lectures Conducted by the Department during AY 2021-22 II Sem.
- CANTILEVER, EPAM and Wipro Talent Next training programs are held during AY 2021-22 II Sem.
- Professional Body (IEEE) Events are conducted during AY 2021-22 I Sem.
- Student Achievements: ---Available in Annexture-C----

6. Faculty Related Activities

- It may be observed that the number of faculty events, paper publishing in this semester is comparatively good than last year.
- Faculty are encouraged to participate in more FDPs, workshops, courses (NPTEL, Coursera) and work towards to achieving awards and recognition.
- More papers in journals and conferences must be published. Patents must be applied for.
- The number of projects sanctioned and consultancy is Nil this year also. Professors and senior faculty are requested to try to get their projects sanctioned.
- It has been suggested that incentives for faculty may be increased.

SCI--01
Scopus--01
UGC List—04
WoS--01

Faculty List
Dr. N Ravi Shankar
Dr. A.Sree Lakshmi,
Dr.K. Neeraja
Dr. G. Soma Sekhar
Dr.Puja S Prasad
Dr.D.Rakesh
Challa Esther Varma,
,Radha Seelaboyina

Faculty List

Dr. D. Rakesh   16638/-
Dr G. Somasekhar 16667/
Dr.G.Kalyani   750/-
Dr.k.Krishna Jyothi 750/-

Summary of Faculty Related Activities (From Jan2022 to June2022)

S.No	Events	Count
1	FDPs/workshops organized	02
2	FDPs/Workshops attended	95
3	Papers published in journals	07
4	Papers published in Conferences	00
5	Patents published	01
6	Projects applied	00
7	Projects sanctioned	00
8	Consultancy	00
9	Staff incentives provided	34,805/-
10	Faculty achievements	03

Course Name	Count
FDP	01
Skill Development Program	01

Course Name	Count
Fdp's	87
Webinars	04
Conferences	02
Faculty Training Programs	02

Faculty List
Dr.K.Neeraja

Note: Available in Annexture-D:

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7. Project Report

Academic Year: 2021 -2022
Semester: II
Class: IV CSE A/B/C/D/E
Mini projects conducted towards the attainment of the program outcomes to be reviewed.

- Total No. of Projects: 84

- No. of multidisciplinary projects: 71

- No. of projects useful to the society: 84

- No. of projects which improve analytical thinking, creativity and innovation:84

- No. of projects which will facilitate employability: 84

- No. of projects published in Scopus Indexed Journals/Conferences: NIL

- Encourage students to work on projects which are innovative, model based and useful to the society.

- Faculty may support students in publishing their projects in Scopus Indexed Journals/Conferences.

Note: Details available in Annexture-E:

8. Higher Studies and Placement Information

Academic Year	NO. of Students Graduated	NO. of Students Placed	Average Salary in Lakh Rupees	Median Salary in Lakh Rupes	No of Students for Higher Education
2021-2022	261	222	5.07	5.0	24
2020-2021	205	181	4.1	4.0	35

- It may be observed that the number of students placed has been increasing and the average salary has also gone up from 4.1 lakhs in 2020-21 to 5.07 lakhs in 2021-22 in II Semester.

- The median salary is 5.0 lakhs which is higher than last year.

- The number of students going for higher studies is normal.

- It has been observed that if trainings were started early ie., in 2-1, students would be much more benefited.

- Conveying information to students properly is also very important.

Note: List of Trainings and Companies is listed in Annexure-F.

9. Industry Institute Interaction

- During 2021-2022 II Sem there was, 1 on line industrial visits was conducted.

a. Students/ Faculty events with Industry Persons

S.No	Title	Resource person	Organization	Student participants	DATE
1	A Roadmap To Web Developer With Zero Coding Knowledge	Kiran Sharma	Skill Safari, Co-founder	23	26-01-2022
2	Metaverse Symposium	DSCI Team	DSCI	21	15-02-2022
3	Virtusa Student Ambassador Orientation	C Chadrasekhar	Senior Director, Hr - Virtusa	56	16-02-2022
4	Block Chain Technology And Its Application	Balaprasad P	Head Digital Initiatives-TCS	23	20-02-2022
5	Digital Marketing	T Vidya Sagar	Cloud And Data Security Architect-TCS	24	26-03-2022
6	Master Class	L Seetharam	Senior Director, HR-virtusa	59	30-06-2022

b. Events conducted by the labs established in association with industry

S.No	Name of the Event / programme	Lab	No of Students Registered	Date
1	Virtusa Student Ambassador Program	Virtusa –AIMS Lab	172	19-02-2022

10. Incubation Cell

- JHUB-JNTUH conducted 36Hrs Hackathon on 11-06-2022 with GCET as NODAL Center . 12 projects from CSE participated in the Hackathon.
- 56 students have participated in 36H-Hackathon conducted by JHUB-JNTUH
- AICTE–MHRD conducted Smart India Hackathon 2022 on 30-04-2022. 8 projects from Department are Submitted. 2 Projects are short listed in Pre-Screening Result under the Guidance of Dr. A SreeLakshmi and Dr. K Neeraja.
- 73 students have participated in Smart India Hackathon conducted by AICTE-MHRD.
- Kalam's Institute of Youth Excellence Foundation conducted IDEATHON -2k22 on 15-07-2022. 3 inter-disciplinary projects submitted.

- 24 students have participated in "3D Deep Learning Webinar" was conducted on 26-03-2022 by Dr. D.Ramesh Chnadra,CSE VNR VIGNANA JYOTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

11. Club Activities

- 71 students are participated in Robo-Quiz conducted on 29-04-2022.
- 21 students are participated in Robo-Prototype conducted on 29-04-2022.
- 200 students are participated in "Workshop On Digital Safety" conducted from 25-02-2022 to 26-02-2022
- 130 students are participated in "Ethical Hacking and Cyber Security Workshop" conducted from 21-4-2022 to 24-04-2022.

a. Coding Club

- Action Plan for AY 2022-23 :

S.No.	EVENT NAME	DESCRIPTION	Target Audience	Proposed Date
1	Dinger	A set of 30 MCQS will be given. Students need to trace the code and need to select the desired output using Buzer	I B.Tech.	06/08/2022
2	Rag Bag	A set of programs will be given in a un order fashion. Proper framing of code need to be created to get desired output	II and III B. Tech.	17/09/2022
3	Championship	Students need to crack the code —A mega coding challenge	Open to all	29/10/2022

b. Robotic Club:

- **Action Plan for A.Y 2022-23**

S.No.	EVENT NAME	DESCRIPTION	TARGET AUDIENCE	PROPOSED DATE
1	eLSI	IIT Bombay ,e-Yantra Lab Setup Initiative	CSE	September
2	Robotics Learning Path	Robot Design & Development WOrkshop	CSE	October

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c. **Cyber Scurity Club**

   • **Action Plan for A.Y 2022-23**

S.No.	EVENT NAME	DESCRIPTION	TARGET AUDIENCE	PROPOSED DATE
1	Workshop By DSCI	Digital Safety Cyber	II, III CSE, CSE(AI)	August
2	New Student Committee Formation And Cyber Security Awareness	Cyber Awareness For 2nd Years	II, III CSE, CSE(AI)	September
3	Workshop	Cyber Congress As a Part Of Cyber Awareness Month	II, III CSE, CSE(AI)	October
4	Hackathon(CTF)	Hackathon	II, III CSE, CSE(AI)	November
5	Linux Workshop, Networking Workshop, Cyber Talks	Virtually Talk Every Month Writing DSCI Certificates By Selected Students	II, III CSE, CSE(AI)	December

12. Academic Audit Report:

- External Academic and Administrative Audit for the A.Y:2020-21 was conducted with an external member Dr. Y. Rama Devi, Professor, Chaitanya Bharathi Institute of Technology and the audit report is submitted to the institute.

- The report indicates the strengths, weaknesses, concerns and recommendations. The report as given by external committee members was discussed with senior professors of the department and the corrective actions were taken up.

Remarks category	Remarks made by the committee	Action Taken
Weaknesses	Student's participation in National Level events to be encouraged.	Student's participation in National level events has come down to some extent due to pandemic situation. Student activities coordinator is informed to make students aware of various online events and disseminate through mentors so that students can participate and gain/showcase the necessary skills. Mentors are also informed to regularly motivate students to participate in different co-curricular events.

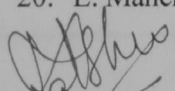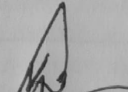|		
	Success Rate i.e., Students Graduating within 4 years can be increased.	The success rate i.e. number of students graduating within 4 years is less. Remedial classes were planned for tough courses like DAA, TOC, and CD where there are more number of failures.
	Research/Consultancy works	The department is continuously making efforts to apply for research works and consultancy. In the year 20-21, Two projects, under RPS and SERB scheme were applied from department of CSE. Faculty with Ph.D is motivated to submit the project proposals and goods proposals are to be prepared with R&D-Dean guidance.
Concerns	PG Admission	M.Tech CSE is the only PG branch available in Engineering streams but the admissions are poor every year. The college considers the attendance for classes and performance in exams is compulsory for students even at PG level. There are very few takers of PG course and in that attendance and performance requirements has led to downfall in admissions. We have requested management to propose some scholarship for PG students so that students who are not able to do PG because of financial constraints can take up PG education by leaving the job commitments.
Recommendations	Research Publication of Student/Faculty can be improved	Faculties were continuously motivated for research publications by providing the financial support by the management. Faculties were regularly made to attend FDPs related to their interested emerging areas to enable them to pursue their research and publish few papers. Group heads are allotted where 6 to 7 faculty will be under their guidance in teaching learning and research activities. From next academic year , all group heads have suggested for keeping targets so that faculty would dedicate some time in pursuing research and pubishing papers
	Projects related to Society need to be increase.	Being CSE department, very few model based projects are available as most of the projects are software based. The audit member was stressing on physical models and has suggested increasing few more projects in those areas. Students will be motivated to take up some model based projects which would be helpful for the society. The course "Design Thinking" made as part of AR20 curriculum is planned well for being implemented for first time, to enable students to take up problems related to society and prototype their solutions. Major projects to be motivated in the areas of IoT, Robotics. Project coordinator is advised to inform the student that if their project needs any equipment, department is ready to provide them with the support of management.

Suggestions and Action Points:
1. More number of Global certifications may be given to students.
2. It has been suggested that the report of students placed must reflect the no. of students getting more than 6lakhs per annum and no. of students with a salary between 3 to 5 lakhs especially those being trained by Smart Interviews.

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3. Student related activities must reflect the number of events conducted and number of students participated in each event.
4. All faculties must be aware of CO-PO mappings and complete the process of course assessment scrupulously.
5. Course coordinators are instructed to submit the analysis report regarding the Course Attainments.
6. Encourage students to work on projects which are innovative, model based and useful to the society.
7. Faculty may support students in publishing their projects in Scopus Indexed Journals/Conferences.
8. Faculty to participate in more FDPs, workshops, courses(NPTEL, Coursera), publish more patents, papers in journals and conferences
9. Professors and senior faculty to try to get their projects sanctioned.
10. It has been suggested that incentives for faculty may be increased.
11. More number of FDPs may be planned for the I Semester 2022-23.
12. As part of Coding Club activity, it has been suggested that students who are placed in companies must be invited or prepare a short video to share their experience and inspire the students.

Members Attended:
1. Dr. A. Sree Lakshmi-HoD CSE
2. Prof Madhusudhan- Dean
3. Dr. G. Soma Sekhar
4. Dr B V Swathi
5. Dr K Neeraja
6. Dr. Kamakshaiah Kolli Gcet
7. Dr. Puja Prasad
8. Dr G Kalyani
9. Dr Krishna Jyothi
10. Dr Ambedkar
11. Dr Soma Sekhar
12. Prof M Srinivas
13. D.Venkateswarlu
14. G Nivedhitha
15. P. Lalitha
16. C Esther Varma
17. Mr Shiva Narayana reddy
18. Dr Rakesh Kumar
19. Y .Siva
20. E. Mahender

Dr A. Sree Lakshmi
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